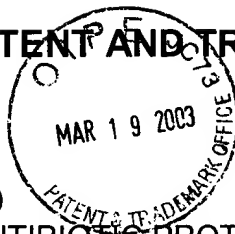


#14/12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of Julius *et al.*
Serial No.: 09/721,904
Filing Date: November 27, 2000
Title: INDUCTION OF ANTIBIOTIC PROTEINS AND PEPTIDES BY
LAIT/sCD14-PROTEIN
Art Unit: 1632
Examiner: Valarie Bertoglio
Atty's Docket No.: 47841/00063

INFORMATION DISCLOSURE STATEMENT

The Commissioner of Patents and Trademarks
Washington, D.C. 20331
U.S.A.

Dear Sir:

In accordance with 37 C.F.R § 1.56, the applicant wishes to call the attention of the Examiner to the references listed in the accompanying Information Disclosure Statement by Applicant, four sheets in total, enclosed in duplicate.

The enclosed Information Disclosure Statement includes the International Search Report issued by the European Patent Office on international patent application No. PCT/CA 99/00482, from which application this application claims priority. The claims of the international application to which each document listed in the International Search Report are relevant are indicated in the right-hand column of the enclosed Search Report. These claims, which those claims contained in the international as filed, are appended to the International Search Report.

Also included in the enclosed Information Disclosure Statement are two additional references cited in the International Preliminary Examination Report issued by the European Patent Office on PCT/CA 99/00482 as International Preliminary Examining Authority, which were not cited, in the International Search Report: references identified as C19 and C20.

- 2 -

The remaining references are based on a review of the undersigned's files.

A preliminary amendment accompanies this submission.

Please charge any fee that may be required for acceptance and consideration of the enclosed papers to Account No. 02-2553.

Should any Patent Office Official want to telephone, the call should be made to John C. Hunt (Registration No. 36,424) at (416) 863-4344.

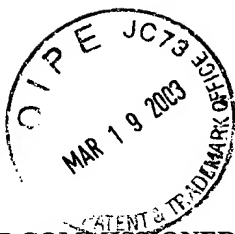
Yours very truly,



John C. Hunt
Registration No. 36,424

March 18, 2003
Date

BLAKE, CASSELS & GRAYDON LLP
Box 25, Commerce Court West
Toronto, Ontario
M5L 1A9
Canada



BLAKE, CASSELS & GRAYDON

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TO: THE COMMISSIONER OF PATENTS AND TRADEMARKS

DATE: March 18, 2003

Disbursement Code 53

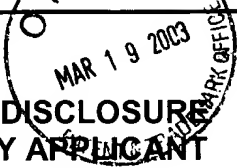
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Client Name Application No.	PIC	Client/Matter No. (Dkd)	Amount	Description	Date
Julius et al. 09/721,904	JCH	47841/63		Information Disclosure Statement/ Preliminary Amendment	Mar. 14, 2003

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/721,904
				Filing Date	November 27, 2000
				First named Inventor	Julius
				Group Art Unit	1632
				Examiner Name	
				Attorney Docket Number	47841/00063
Sheet	1	of	3		

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s) publisher, city and/or country where published	T ²
	C1	DIAMOND G. ET AL.: "Inducible Expression of an Antibiotic Peptide Gene in Lipopolysaccharide-Challenged Tracheal Epithelial Cells"; PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 93, May 1996 (1996-05), pages 5156-5160, XP002127991; WASHINGTON, U.S.A.	
	C2	FERRERO ET AL.: "Transgenic Mice Expressing Human CD14 are Hypersensitive to Lipopolysaccharide"; PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF U.S.A., U.S., NATIONAL ACADEMY OF SCIENCE; vol. 90, March 1993 (1993-03), page 2380-2384 XP002016890 ISSN: 0027-8424; WASHINGTON, U.S.A.	
	C3		
	C4	IKEDA A. ET AL.: "Molecular Cloning of Bovine CD 14 Gene"; JOURNAL OF VETERINARY MEDICAL SCIENCE - NIHON JUIGAKU ZASSHI, JP, JAPANESE SOCIETY OF VETERINARY SCIENCE; vol. 59, no. 8, 1997, page 715-719 XP002062359 ISSN: 0916-7250; TOKYO, JAPAN	
	C5	WANG Y. ET AL.: "Detection and Identification of Soluble CD14 in Bovine Milk"; MOLECULAR BIOLOGY OF THE CELL; vol. 8, 1997, page 85A XP002062360 ISSN: 1059-1524 abstract; BETHESDA, MD, U.S.A.	
	C6	GOYERT S. M. ET AL.: "Expression and Function of Human CD14 in Transgenic Mice"; JOURNAL OF CELLULAR BIOCHEMISTRY; vol. 16C, 1992, page 153 XP002016892 abstract; NEW YORK, NEW YORK, U.S.A.	
	C7	YANG Z. ET AL.: "Soluble CD14 and Lipopolysaccharide-Binding Protein from Bovine Serum Enable Bacterial Lipopolysaccharide-Mediated Cytotoxicity and Activation of Bovine Vascular Endothelial Cells in Vitro"; JOURNAL OF LEUKOCYTE BIOLOGY, U.S., FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL; vol. 59, no. 2, 1996, page 241-247 XP002062361 ISSN: 0741-5400	
	C8	SIMMONS D. L. ET AL.: "Monocyte Antigen CD14 is a Phospholipid Anchored Membrane Protein"; BLOOD; vol. 73, no. 1, 1989, page 284-289 XP002062358 ISSN: 0006-4971; PHILADELPHIA, PA, U.S.A.	
	C9	SETOGUCHI M. ET AL.: "Mouse and Human CD14 (Myeloid Cell-Specific Leucine-Rich Glycoprotein) Primary Structure Deduced from cDNA Clones"; BIOCHIMICA ET BIOPHYSICA ACTA. GENE STRUCTURE AND EXPRESSION; vol. 1008, 1989, page 213-222 XP002062356 ISSN: 0167-4781, figure 3; ELSEVIER, AMSTERDAM	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

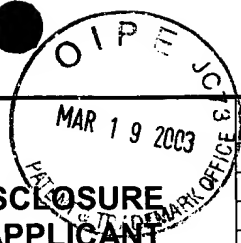
¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3



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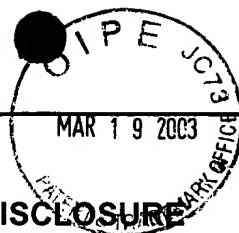
Application Number	09/721,904
Filing Date	November 27, 2000
First named Inventor	Julius
Group Art Unit	1632
Examiner Name	
Attorney Docket Number	47841/00063

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s) publisher, city and/or country where published	T ²
	C10	ULEVITCH R. J. ET AL.: "Receptor-Dependent Mechanisms of Cell Stimulation by Bacterial Endotoxin"; ANNUAL REVIEW OF IMMUNOLOGY, U.S., ANNUAL REVIEWS INC.; vol. 13, 1995, page 437-457 XP002071335 ISSN: 0732-0582	
	C11	LÖMS, ZIEGLER-HEITBROCK, H.W. et al., "CD14 is expressed and functional in human B cells", .. EUROPEAN JOURNAL OF IMMUNOLOGY, 24(8); 1937-1940 1994	
	C12	YANG et al. "Analysis Of The CD14 Receptor Associated With Bovine Alveolar Macrophages", Inflammation, 20(1):97-106, XP002062355, Feb. 1996	
	C13	JABARA et al. "Engagement Of CD14 On Monocytes Inhibits The Synthesis Of Human Igs., Including IgE", THE JOURNAL OF IMMUNOLOGY, 153:972-978, XP002062357 (1994)	
	C14	JUAN, TODD S. - C, et al., "Soluble CD14 Truncated at Amino Acid 152 Binds Lipopolysaccharide (LPS) and Enable Cellular Responses to LPS", THE JOURNAL OF BIOLOGICAL CHEMISTRY, 270: 1382-1387, 1995	
	C15	VIRIYAKOSAL, S. and T.H. KIRKLAND,. "The N-terminal Half of Membrane CD14 is a Functional Cellular Lipopolysaccharide Receptor", INFECTION AND IMMUNITY 64: 653-656, 1996	
	C15	JULIUS, M.H. et al., "A Colostral Protein that Induces the Growth and Differentiation of Resting B Lymphocytes", THE JOURNAL OF IMMUNOLOGY, vol. 140, pp. 1366-1371, No. 5, March 1, 1987	
	C16	FILIPP, DOMINIK et al., , "Soluble CD14 Enriched in Colostrum and Milk Induces B Cell Growth and Differentiaton", PNAS; vol. 98, pp. 603-608, No. 2, January 16, 2001	
	C17	International Search Report, issued on International Patent Application No. PCT/CA99/00482 and published on April 6, 2000 under WO99/61468	

Examiner Signature	Date Considered
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¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.



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Application Number	09/721,904
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Sheet 3 of 3

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	C18	International Search Report issued on International Patent Application No. PCT/CA91/00880 and published on October 1, 1998 under WO98/22580	
	C19	LANDMANN, R. ET AL., "Soluble CD14 Activates Monocytic Cells Independently of Lipopolysaccharide" INFECTION AND IMMUNITY, AMERICAN SOCIETY FOR MICROBIOLOGY, Vol. 66, No. 5, May 1998, pp. 2264-2271	
	C20	SUNDAN A. ET AL., "Soluble CD14 from Urine Copurifies with a Potent Inducer of Cytokines", Eur. J. Immunol., Vol 24, 1994 pp. 1779-1784	
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